



**R**

**F**



ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXII NO. 3 P.O. BOX 95, ORANGE, CALIF. 92668 MARCH 1981

"ARRL" "West"  
"Hydant"  
"licensing"  
"By"  
"used" Gordon West  
WB6NOA  
"Ameco"  
"C8"  
"Rosicheck"

Mini-Prog.: 15 minutes of slides of-  
Voyager's Fly-by of Saturn

\*\*\*\*\*ORANGE COUNTY AMATEUR RADIO CLUB\*\*\*\*\*

1981 CLUB OFFICERS

PRESIDENT.....	FRANK	SMITH.....	WA6VKZ.....	838-3271
VICE PRESIDENT.....	ROBIN	HOFF.....	KA6HNY.....	731-4803
TREASURER.....	FRANK	GREGG.....	WB6KJS.....	968-1450
SECRETARY.....	HOWARD	ATWELL.....	KA6CZI.....	779-5797
ACTIVITIES.....	JERRY	ZILIAK.....	KB6MT.....	990-8442
MEMBERSHIP.....	BOB	TEGEL.....	WD6DPK.....	554-0836
PUBLICITY.....	SID	SHISHIDO.....	N6AQC.....	521-8380
T V I.....	BOB	ECKWEILER.....	AF6C.....	639-5074
M A L.....	ERNIE	PRITCHARD.....	WA6FOW.....	530-0738
M A L.....	BILL	FRICKER.....	WD6ESS.....	526-4068

\*\*\*\*\*

EDITOR.....	JOHN	CHRISTOPHER.....	WD6GXZ.....	557-6399
-------------	------	------------------	-------------	----------

\*\*\*\*\*

ORANGE COUNTY AMATEUR RADIO CLUB NETS:

TUESDAYS: 10 Meter SSB-----On or about 28.775 Mhz at 03:00 UTC,  
7:00 PM local time.....Look for W6ZE as NET CONTROL:

WEDNESDAYS: 15 Meter CW Novice Net----On or about 21.175 Mhz at 03:00 UTC,  
" 7:00 PM local time.....All Novices are welcome to check-in  
" We will slow down for you. Look for W6ZE as NET CONTROL:

" 15 Meter SSB-----On or about 21.375 Mhz at 04:00 UTC,  
" 8:00 PM local time.....Look for W6ZE as NET CONTROL:

" 2 Meter Net:.....Look for W6ZE as Net Control on SIMPLEX  
" 146.55 Mhz at 05:00 UTC-9:00 PM local time.

ORANGE COUNTY AMATEUR RADIO CLUB BREAKFAST:

PLACE: MILE SQUARE COUNTRY GOLF COARSE CLUB HOUSE:  
Located midway between Brookhurst and Euclid on the South side of the  
Park, in the city of Fountain Valley.

TIME: Around 8:30 AM

DATE: First Saturday of each month

THATS ALOT!

According to recent FCC totals, Amateur radio license totals  
as of the beginning of 1981 were as follows.

NOVICE.....	72,588
TECHNICIAN.....	70,061
GENERAL.....	123,904
ADVANCED.....	88,715
EXTRA.....	26,613
TOTAL.....	381,881

Looks like the General class license is still the most popular, but the  
Advanced class is catching up very quickly.

ORANGE COUNTY AMATEUR RADIO CLUB  
FEBRUARY 8th 1981 BOARD MEETING

1. EARLY BIRD CONTEST:

The board will propose at the next club meeting that we either discontinue the "EARLY BIRD" drawing, or substitute a prize of (20) raffle tickets, ect, in place of the cash prize. A motion from the floor will be required to act upon this.

2. SWEEPSTAKES:

It was generally agreed upon by the board members that the new "SWEEPSTAKES" tickets approach seems to work well. We will continue offering (Implement soon) three prizes worth \$10, \$20, and \$30 dollars. Tickets will be sold for 3/for \$1.00 or 20/for \$5.00 dollars respectfully.

3. CLUB AUCTION:

With no objections received by the club member, we will go ahead with changing the club auction date from October to the September 1981 club general meeting. This was voted on and carried by the board.

4. The Christmas Sweepstakes proposal of last month was discussed further. We are checking into a source for the "Sweepstakes Tickets".

5. CLUB GENERATOR(s):

Club Vice President, Robin Hoff KA6HNY, has contacted several generator manufacturers on club stationary regarding various models, prices, ect ect ect.

6. FIELD DAY:

The site for field day this year was considered. Space at the EL TORO MARINE CORP STATION has been offered, and is being considered for a possible site.

7. Club President FRANK SMITH, WA6VKZ, is still in the process of reviewing the CLUB BY\*LAWS.

8. NETS:

—We will continue consideration of net times, and day changes, with no decision to be made until at least next month.

9. Flyers consisting of the front page of the "RF" have been distributed among various schools, dealers, ect.

10. GOOD OF THE CLUB AWARD:

—The decision on supplementing the perpetual Good Of The Club Award, with a plaque or certificate has been put off for several months. If we go through with this, the past two recipients will also be awarded a plaque or certificate to keep.

11. CLUB PICNIC:

—The club picnic has been scheduled for April 26th 1981 at Craig Park. The club will supply the charcoal and attendees will bring their own food.

12. CAMPING:  
The club campout has been scheduled for May 1st, 2nd, and 3rd, 1981 at Blackrock Canyon Campground in Joshua Tree National Monument. The club breakfast will still be scheduled for that weekend.
13. WESTLINK:  
The club is sending \$25.00 in support of WESTLINK. At the next club meeting we will "pass the hat" for any donations from the club members.
14. EXPLORER POST:  
The first meeting of the advisors for the club sponsored EXPLORER POST was held and advisors assignments were made. The next advisors meeting will be held on February 27th with a "FIRST NIGHTER" meeting scheduled for March 2nd, 1981. There will be two post meetings a month. A business meeting on the 1st Friday of each month, and a second meeting consisting of a regular club meeting on the 3rd Friday of each month.
15. Club Treasurer, FRANK GREGG WB6KJS, Gave the treasurers report (included in this months "RF"). Frank also made a motion that we discontinue the early membership discount rate. This was seconded by BOB ECKWEILER AF6C, and adopted by the board. We will take this to the general membership at the next club monthly meeting.

---

ORANGE COUNTY AMATEUR RADIO CLUB INC.  
FEBRUARY 1981 FINANCIAL STATEMENT

INCOME:

DUES.....	\$33.75
GENERATOR FUND.....	\$16.25
WESTLINK TAPES.....	\$ 2.00
COFFEE KITTY.....	\$ 5.70
SWEEPSTAKES.....	\$61.00
TOTAL	\$118.70

EXPENSES:

STAMPS.....	\$33.00
OCCARO DUES.....	\$ 3.00
OVERPAYMENT OF DUES.....	\$10.00
SWEEPSTAKES PRIZES.....	\$63.60
TOTAL	\$109.60

CHECKING ACCOUNT-AS OF FEBRUARY 1, 1981.....	\$416.74
CHECKING ACCOUNT-AS OF FEBRUARY 28, 1981.....	\$425.84
SAVINGS ACCOUNT**AS OF FEBRUARY 28, 1981.....	\$772.03
GENERATOR FUND TOTAL CONTRIBUTIONS TO DATE.....	\$136.75

ORANGE COUNTY AMATEUR RADIO CLUB:

FEBRUARY 20, 1981 MINUTES

1. All officers were present for the roll call.
2. The "EARLY BIRD" winner was WA6MGI, Carter Kirven, who was not present for the drawing.
3. The January minutes were approved as published in the "RF".
4. Correspondence:  
A letter of thanks was received from Bill Pasternak of WESTLINK, for our contribution of \$25.00 towards support of the WESTLINK RADIO NETWORK.
5. The Treasurers Report was published in the February RF. There are no unpaid bills as of this date.
6. Unfinished Business:  
Bill Fricker, WD6ESS, reported on the club sponsored Explorer Post. The First Nighter, will be March 2nd, 1981, at Laguna Savings and Loan. The program will consist of an introduction to Amateur Radio with demonstrations.  
  
Activities :Chairman, Jerry Ziliak, KB6MT, reported on the new Sweepstakes format we are now adopting. The new ticket prices and prizes allocation ( \$10, \$20, and \$30 prizes) seems to be an acceptable format.  
  
The Orange County Amateur Radio Club has received an O K from the MCAS-EL TORO for use of an area for Field Day activities.
7. New Business:  
Club Treasurer, Frank Gregg, WB6KJS, made a motion that we discontinue the 25% discount for early payment dues. The motion was seconded by Dan Revel, KA6LSC, and discussion followed. Further discussion was tabled until next month, per club by-laws.
8. Good Of The Club:  
Monty C aduff, WD6AUS, reported on VIP'S endeavors towards purchasing audio filters for the VIP station.  
  
Jim Brown, WB6BZW, and Ralph Alexander, W6RE, reported on ARES activities. ARES needs volunteers for the Gordon Bennett Balloon Race to be held April 25-26, 1981. Also a celebrity tennis match is coming up. Any volunteers contact WB6ARK. The ARES NETS are on Tuesdays at 7:30 Pm local on 146.19-79, and on SSB Sundays on 3.965 Mhz at 9:00 AM local time.  
  
Dan Revel, KA6LSC, reported on the new Amateur radio club over at Del Mar Avionics.
9. Program:  
Club VP Robin Hoff, KA6HNY, introduced DR. Jim Coleman, KA6A, who presented a very interesting program on LASER COMMUNICATIONS.
10. Introduction of visitors by membership chairman BOB TEGEL, WD6DPK , was given.
11. John Christopher, WD6GXZ, and Robin Hoff, KA6HNY, recently upgraded to the ADVANCED CLASS Licence. Congratulations!!!

Cont.

ORANGE COUNTY AMATEUR RADIO CLUB:  
FEBRUARY 20, 1981 MINUTES

12. MR "RF" for this month was Duncan Shader. The award was won by Sid Shishido, N6AQC
13. The meeting was closed by Club President Frank Smith, WA6VKZ.

-----  
QST QST QST:

-----  
Volunteers are still needed desperately for the Gordon Bennett Balloon Race to be held April 25-26, 1981. Anyone interested in helping out with the ARES activities are asked to contact WB6ARK, or Jim Brown, WB6BZW at 557-5195.....

-----

F C C NOTES:

Amplifier modification instructions to add the 10 meter band, furnished by the manufacturer, is a practice which may specifically be approved by the FCC in an upcoming Notice Of Proposed Rule Making. While there is no prohibition in the rules against the practice, some manufacturers of HF linears amplifiers for the amateurs have not felt free to issue instructions on how to add the 10 meter band into their linears amplifiers.....W R

-----

**AMATEUR  
RADIO**



**IN  
PUBLIC  
SERVICE**

**Long arm of the law  
given a helping hand**

Submitted by Mike DeHart, KB6ZF

The "long arm of the law" —deputies and California Highway Patrolmen investigating an accident in Mentone on 29 December 1980—got an extension from a man in Yorba Linda.

A 20-year-old Redlands man was arrested for driving under the influence of alcohol and misdemeanor charges of hit and run after a non-injury accident at Agate and Mentone Boulevard shortly after 11:00 p.m.

But some of the events that led to his apprehension were channeled through Yorba Linda via radio waves and relayed to the Yucaipa sheriff's substation by telephone.

The unusual sequence began when Stan Fox, long an Amateur Radio enthusiast, was returning from an evening walk to his home near the accident scene.

Fox was talking with Dick McKeever of Yorba Linda on a hand-held radio when he heard the crash of the collision and told his friend he was going to check out the situation.

One car had already left the scene when Fox arrived, but other witnesses noted its direction of travel, and Fox and others followed a trail of water leaking from the car's damaged radiator.

Meanwhile, McKeever had telephoned the Yucaipa sheriff's substation and was able to relay information he was receiving from Fox.

Four occupants, thought to be involved in the accident, had reportedly switched vehicles and were starting to drive off, but a sheriff's deputy was able to stop the car. The car originally involved in the accident was located behind one building, Fox said.

CHP Officer Bob Saiz took the man into custody. There is a possibility the man may also be charged with pointing a gun at a sheriff's deputy, CHP officials said.

Fox and McKeever were able to com-

municate using the Keller Peak repeater Fox said. Both Fox, WA6BLI, and McKeever, N6BAW, are associated with the Walnut Hill Repeater Association.

Although this was the most exciting incident he has been involved in, Fox said, the radio group has an active public service record and recently assisted U.S. Forest Service officials during tree planting operations in the wake of November's Panorama fire.

—Daily Facts, Redlands, CA

□

.....IF YOU THINK YOU HAVE T V I TROUBLES.....

Guglielmo Marconi needed police protection from people who threatened to kill him because they thought his radio waves were harmful to human life. The frightened people complained that the radio signals were passing thru their bodies and making it impossible for them to sleep. A wealthy woman charged that the waves made her feet itch. A German man publicly made plans to go to England and shoot Mr Marconi, but was turned away by British authorities.

The hostility toward the inventor came after years of being ignored by the public. In 1894, the 20 year old electronic pioneer coaxed his crude equipment to send a signal a few feet across his room. Next year his signals spanned the length of his father's home in Bologna, Italy. When Marconi patriotically offered his invention to the Minister of Posts and Telegraphs, he was snubbed.

Marconi packed up his equipment, and with his Irish mother, sailed to England. Surely, he thought, the worlds greatest maritime power could use ship-to-shore communications. British customs officials ignored his frantic efforts to explain that his radio was not an explosive device, or bomb. The delicate instrument was damaged by their forcing it opened. The following year a family friend helped him gain the attention of the British Postal authority, and he gave a demonstration that he could send a signal from the General Post Office to a nearby building. The press and public showed no interest in the feat at all.

Marconi then constructed a bamboo tower that thrust his transmitter 90 feet into the air and sent his wireless signals nearly two miles. He had built something too big to be ignored this time, and the press took notice. Years later, he sadly observed, "THE CALM LIFE IS OVER".

The publicity aroused fears in a previously indifferent public about the possible harmful effects of radio waves. A flood of crank mail, some containing threats on his life, came pouring in. Guarded by the police, Marconi moved his operation to Wales in 1897. Soon he was transmitting signals out 25 miles, then 150 miles, and in 1901 he spanned the Atlantic ocean with his wireless signals. It was more than two years after this that the public outcry diminished enough for Scotland Yard to withdraw the police guards protecting the man who many claimed was insane. Today we remember the man who developed radio for the world.

Special thanks to Hal Gruber  
W8MGP(EDITOR - Mike & KEY)  
HAM HUM OMAHA NEBRASKA 4-80

---

### INTERFERENCE--INTERNATIONAL STYLE:

#### THEIR SIDE

## Here's how the Russians handle interference

Officials from the 104th Militia Detachment of Moscow and the USSR Ministry of Communication inspected the illegal radio station of an individual calling himself on the air "The Inspector." N. G. Gutorov had been broadcasting music on 1700 kHz and below and had "impolitely rebuffed an invitation to go to a radio club to learn Amateur Radio." (Russia's CB band is located near this frequency.)

He was sentenced by the Tushinskiy Rayon Court (Moscow) to five years in prison. (Translated by Dex Anderson from USSR "Radio" Magazine.)  
— W5YI Report (Linear Lines, South Carolina) □

#### OUR SIDE

An unlicensed 27.9 MHz station operator was fined \$1,500, sentenced to a weekend in jail and placed on two years probation by a U.S. District Court in California. Although a first offender may be fined as much as \$10,000 and/or sentenced to a year in prison for such a violation of the Communications Act, actual imprisonment has been almost unheard of in many years and, therefore, this case is something of a landmark.

W.S.

PREZ SEZ:

THE EXPLORER POST 18 IS OFF TO A SLOW BUT SOUND START. THREE YOUNG MEN SIGNED UP. TWO OTHER YOUNG MEN ATTENDED THE "FIRST NIGHTER" AND WE HOPE THEY WILL BE AT THE RADIO CLASS. THE THREE YOUNG MEN IN THE POST ARE HOLDING TEMPORARY OFFICE. WE ARE STILL RECRUITING, OBVIOUSLY; IF YOU HAVE A TEENAGER AT HOME WHO MIGHT BE SOMEWHAT INTERESTED IN AMATEUR RADIO AND A FINE SOCIAL AND VOCATIONAL PROGRAM. THE CLASSES ARE HELD ON TUESDAY EVENINGS 7:30 TO 9:00 AT FOOTHILL H.S., DODGE AND NEWPORT AVENUES. THE POST BUSINESS MEETINGS ARE HELD ON THE FIRST FRIDAY EVENING OF EACH MONTH IN THE SAME PLACE AND AT THE SAME TIME AS THE RADIO CLASSES. THE MEMBERS OF THE POST HAVE BEEN INVITED TO OBSERVE AND PARTICIPATE WITH WD6ESS AND WB6IHZ WHEN THEY MAN A CHECK POINT FOR THE ORANGE COUNTY MARATHON ON 4 APRIL. *FOR MORE INFO CALL ME.*

THE BOARD IS ATTEMPTING TO PLAN A CHRISTMAS / HOLIDAY DINNER WITH A GUEST SPEAKER AND A SWEEPSTAKES DRAWING. MORE WILL FOLLOW ON THIS AS THE PLANS GET A BIT FIRMER.

PLANS ARE BEING MADE FOR FIELD DAY.

A BYOE (BRING YOUR OWN EVERYTHING EXCEPT THE FIRE) PICNIC WILL BE HELD AT CRAIG REGIONAL PARK FROM 10 A.M. TILL ? ON 26 APRIL. ALL WHO ARE NOT PARTICIPATING IN THE BALLOON RACE PLEASE ATTEND, POSSIBLY WITH FIELD GLASSES TO SPOT BALLOONS.

A CAMPING TRIP TO BLACK ROCK CANYON IN THE JOSHUA TREE NATIONAL MONUMENT ON 1,2,3 MAY WILL HOPEFULLY TAKE PLACE WITH MORE PARTICIPANTS THAN JUST ME. THE MONTHLY BREAKFAST WILL STILL BE HELD ON THE 2ND OF MAY FOR THOSE WHO DON'T CARE TO CAMP IN THE DESERT.

AF6C IS SETTING UP A FISHING TRIP FOR 23 MAY. CONTACT BOB FOR YOUR SPOT ON THE BOAT.

I HAVE HAD ZERO INPUT ON A NEW SITE FOR THE BREAKFAST NOR HAVE I HAD ANY INPUT ON THE PROPOSED CHANGES IN THE NETS. EVERYTHING THE BOARD DOES, THE MEMBERS OF THE BOARD THINK THEY ARE DOING THE BEST FOR THE CLUB BUT IF THE BOARD HAS NO INPUT THEY WILL BE ACCUSED OF DOING THEIR THING ARBITRARILY. SOME COMMENTS PSE.

*Bob*  
WA6VKZ

ORANGE COUNTY AMATEUR RADIO CLUB, Inc.  
POST OFFICE BOX 95  
ORANGE, CALIFORNIA 92688  
VOL. XXII, NO. 3 MARCH 1981  
FIRST CLASS MAIL!!!  
DATED MATERIAL!!!



FIRST CLASS MAIL